

To: Facsimile Number: 703-872-9306

Total Pages Sent:

From: Texas Instruments Incorporated
Facsimile: 972-917-4418
Phone: 972-917-4363

RECEIVED
CENTRAL FAX CENTER

APR 27 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Everest W. Huang
Serial No: 09/925,077
Filed: 08/08/2001
Art Unit: TBD
Examiner: TBD
Docket No.: TI-31514
Customer No.: 23494

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at 703-872-9306 on the date shown below:

Gracia Sansom
Gracia Sansom

4-27-05
Date

FACSIMILE COVER SHEET

<input checked="" type="checkbox"/> FACSIMILE COVER SHEET (1 SHEET)		<input type="checkbox"/> AMENDMENT
<input type="checkbox"/> NEW APPLICATION		<input type="checkbox"/> EOT
<input type="checkbox"/> DECLARATION		<input type="checkbox"/> NOTICE OF APPEAL
<input type="checkbox"/> ASSIGNMENT		<input type="checkbox"/> APPEAL
<input type="checkbox"/> FORMAL DRAWINGS		<input type="checkbox"/> ISSUE FEE
<input type="checkbox"/> INFORMAL DRAWINGS		<input type="checkbox"/> REPLY BRIEF (IN TRIPLICATE)
<input type="checkbox"/> CONTINUATION APP'N		<input checked="" type="checkbox"/> SB96 and SB80 forms
<input type="checkbox"/> DIVISIONAL APP'N		
NAME OF INVENTOR(S): Everest W. Huang		RECEIPT DATE & SERIAL NO.: Serial No.: 09/925,077
TITLE OF INVENTION: Using SISO Decoder Feedback to Produce Symbol Probabilities for Use in Wireless Communications that Utilize Turbo Coding and Transmit Diversity		Filing Date: 08/08/2001
TI FILE NO.: TI-31514	DEPOSIT ACCT. NO.: 20-0668	
FAXED: 04/27/2005		
DUE: —		
ATTY/SECY: /gs		

This facsimile is intended only for the use of the address named and contains legally privileged and/or confidential information. If you are not the intended recipient of this telecopy, you are hereby notified that any dissemination, distribution, copying or use of this communication is strictly prohibited. Applicable privileges are not waived by virtue of the document having been transmitted by Facsimile. Any misdirected facsimiles should be returned to the sender by mail at the address indicated on this cover sheet.

Texas Instruments Incorporated
PO Box 655474, M/S 3999
Dallas, TX 75265

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby appoint:

☒ Practitioners associated with the Customer Number:

23494

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 3.73(b).


Assignee Name and Address:

Texas Instruments Incorporated
PO Box 655474, M/S 3999
Dallas, TX 75265

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Name	W. James Brady, III		
Signature		Date	4/26/05
Title	Vice President	Telephone	(972) 917-4371

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FEES TO THIS ADDRESS. Send to: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

RECEIVED
CENTRAL FAX CENTER

APR 27 2005

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TI-31514

STATEMENT UNDER 37 CFR 3.73(b)

RECEIVED
CENTRAL FAX CENTERApplicant/Patent Owner: Texas Instruments IncorporatedApplication No./Patent No.: 09/925,077 Filed/Issue Date: 08/08/2001

APR 27 2005

Entitled: Using SISO Decoder Feedback to Produce Symbol Probabilities for Use in Wireless Communications that Utilize Turbo Coding and Transmit DiversityTexas Instruments Incorporated, a
(Name of Assignee)Corporation
(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is ___ %
In the patent application/patent identified above by virtue of either.

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 12071, Frame 93-94, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel __, Frame __, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel __, Frame __, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel __, Frame __, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Texas Instruments Incorporated

W. James Brady, III
SignatureW. James Brady, III
Printed or Typed NameVice President
Title4/26/05
Date(972) 917-4371
Telephone Number

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.